IAP7 Rec'd PCT/PTO 14 JUL 2006 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES

ATTORNEY'S DOCKET NUMBER

l 1	DESIGNATED/ELECTED	FP0815 US							
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371			U.S. APPLICATION NO. (If known, see 37 CFR 1.5)						
l	TIONAL APPLICATION NO. TUS2005/001275	INTERNATIONAL FILING DATE 14 January 2005	PRIORITY DATE CLAIMED 16 January 2004						
TITLE OF INVENTION CONNECTIVE TISSUE GROWTH FACTOR SIGNALING									
APPLICANT(S) FOR DO/EO/US									
KLAUS, Stephen J.; LIU, David Y.; AIZMAN, Irina									
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:									
1. 🗹	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.								
2.	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.								
3. 🔲 -	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.								
4.	The US has been elected (Article 31).								
5.	A copy of the International Application as filed (35 U.S.C. 371(c)(2))								
	a. is attached hereto (required only if not communicated by the International Bureau).								
	b. has been communicated by the International Bureau.								
	c. is not required, as the application was filed in the United States Receiving Office (RO/US).								
6.	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. is attached hereto. b. has been previously submitted under 35 U.S.C. 154(d)(4).								
7.									
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))								
	a. are attached hereto (required only if not communicated by the International Bureau).								
	b. — have been communicated by the International Bureau.								
	c. have not been made; however, the time limit for making such amendments has NOT expired.								
 a. □	d. have not been made and will not be made. An English language translation of the amendments to the claims under RCT Article 10 (25 U.S.C. 371(a)(3))								
9.	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).								
10.	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).								
Items	11 to 20 below concern document(s) or information included:							
11. 📙	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.								
12	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.								
13.	A preliminary amendment.								
14.	An Application Data Sheet under 37 CFR 1.76.								
15.	A substitute specification.								
16.	A power of attorney and/or change of address letter.								
17. 📙	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.								
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).								
19. 🗀	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).								

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 3

IAP6 Rec'd PCT/PTO 14 JUL 2006

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

1.5. APPLICATION NO. (# known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. PCT/US2005/001275					FP0815 US				
20. Other items or information: Return Receipt Postcard									
The follo	owing fees have b	CALCULATIONS	PTO USE ONLY						
21. 🗹 Basi									
22. 🗹 Exam	ination fee (37 CF								
by IPEA/	ion prepared by IS US indicates all cla ns	\$ 200							
If the written opin IPEA/US Search fee (37 C International Sea previously	ch fee (37 CFR 1. ion of the ISA/US indicates all claim FR 1.445(a)(2)) had searching Autroch Report prepare communicated to s	\$ 400							
	TOTAL OF 21, 22	\$ 900							
sequence electronic	e for specification e listing in complia c medium) (37 CFI s \$250 for each ad								
Total Sheets	Extra Sheets Number of each additional 50 or fraction thereof (round up to a whole number)		RATE						
41 - 100 =	0 /50 =		0	x \$250	\$ 0				
	0.00 for furnishing commencement of	\$ 130							
CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$	<u> </u>			
Total claims		33 - 20 =	13	x \$ 50	\$ 650				
Independent clair		5 - 3 =	2	x \$200	\$ 400				
MULTIPLE DEPE	NDENT CLAIM(S	\$							
		\$ 1,180							
Applicant cla	ims small entity st								
5		\$ 2,080	L						
	f \$130.00 for furnis ate (37 CFR 1.492	\$							
		\$ 2,080							
	the enclosed assi cover sheet (37 (\$							
		\$ 1,040)						
					Amount to be refunded:	\$ 0			
					Amount to be charged	\$ 1,040			

10.7586318 FP0617 US

IAP6 Rec'd PCT/PTO 14. JUL 2005 PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

check in the amount of \$ to cover the above fees is enclosed.								
Please charge my Deposit Account No. <u>50-0811</u> in the amount of \$ <u>1,040.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.								
The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-0811</u> . A duplicate copy of this sheet is enclosed.								
Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.								
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.								
SEND ALL CORRESPONDENCE TO:								
SIGNATURE								
Christopher Turner, Ph.D.								
NAME								
45,167								
REGISTRATION NUMBER								
Certification under 37 CFR 1.10 Express Mail Label No.: EV 598 075 185 US Date of Deposit: 14 July 2006 I hereby certify that the application/correspondence attached hereto is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450. Sign: Michael Moores								